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60/481,752 (71) Applicant (for all designated States except US): OBDU-CAT AB [SE/SE]; P.O. Box 580, S-201 25 Malmo (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only). HEIDARI, Babak [SE/SE]; Sodra Ljungvagen 10, S-244 65 Furulund (SE). BECK, Marc [DE/SE]; Fagelhundsvagen 19, S-226 53 Lund (SE).

(74) Agents: LINDBERG, OHe et al.; Albihns Malmo AB, Patent Department, P.O. Box 4289, S-203 14 Malmo (SE).

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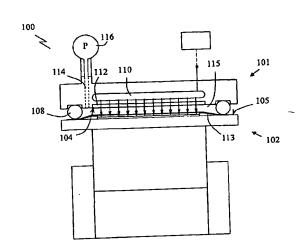
- as to applicant's entitlement to applyfor and he granted a patent (Rule 4.17(U))
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(54) Title: DEVICE AND METHOD FOR LARGE AREA LITHOGRAPHY



(57) Abstract: Apparatus and method for transferring a pattern from a template (10) having a structured surface to a substrate (12) carrying a surface layer of a radiation polymerisable fluid (14). The apparatus comprises a first main part (101) and a second main part (102) having opposing surfaces (104;105), means for adjusting a spacing (115) between said main parts, support means (106) for supporting said template and substrate in mutual parallel engagement in said spacing with said structured surface facing said surface layer, a radiation source (110) devised to emit radiation into said spacing. A cavity (115) has a first wall comprising a flexible membrane (113) devised to engage said template or substrate, and means (114, 116) are provided for applying an adjustable overpressure to a medium present in said cavity, whereby an even distribution of force is obtained over the whole of the contact surface between the substrate and the template.

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